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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/766,131			
Filing Date	01/28/2004			
First Named Inventor	Richard Perego			
Art Unit	2189			
Examiner Name	Kevin Verbrugge			
Attorney Docket Number	RAMB-01049US2			

Examiner	Cite	Document Number	Issue or	Name of Patentee or	Pages, Columns, Lines, Where
Initials	Number Vind Code (1) have	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
W		6,477,614	11-05-2002	Leddige et al.	
7		6,513,091	01-28-2003	Blackmon et al.	
$\Box$		6,557,069	04-29-2003	Drehmel et al.	
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	FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document  Country Code Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation	
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	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation			
W		Request for Declaration of Interference, filed on April 13, 2006 in U.S. Patent App. No. 11/203,652 to Drehmel et al., including exhibits A through K.				
'W		Jerry D. Gibson, Editor-in-Chief, "The Mobile Communications Handbook," copyright 1996 CRC Press, Inc., p. 24				
W		G. Doettling et al., "S/390 Parallel Enterprise Server Generation 3: A Balanced System and Cache Structure," IBM J. Res. Develop., Vol. 41 (No. 4/5), July/September 1997, pp. 405-428.				

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Examiner Signature	Heur	1er ge	Date Considered	11/	6-9/06	

EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS Form PTO/S	SB/08: Substitute for for	m 1449A/PTO			Complete if Known			
					Application Number	10/766,131		
INF	ORMATION D	DISCLOS	URE		Filing Date	01/28/2004	1	
	ATEMENT BY				First Named Inventor	Richard Perego		
317	ALEMENT DI	APPLICA	MIN I		Art Unit	2189		
	(Use as many sheets	as necessary)			Examiner Name	Kevin Verbrugge		
Shoot	2	of		4	Attorney Docket Number	PAMP-01040US2		

	U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS						
Examiner	Cite	Document Number	Issue or	Name of Patentee or	Pages, Columns, Lines, Where		
Initials	Initials No. Number-Kind Code (if know	Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		

	FOREIGN PATENT DOCUMENTS							
Examiner Initiats	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where	Translation		
		Country Code Number Kind Code (il known)		Document	Relevant Passages or Relevant Figures Appear			
W		European Search Report in EP 05001769						
W		EP 0 198 429	10-22-1986	NEC Corporation				
W		International Search Report in PCT/US05/17066, mailed November 2, 2005						

	NON PATENT LITERATURE DOCUMENTS					
Examiner Cite No.		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				

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Examiner Signature	Vevi Verleel	Date Considered	11/6-9/06

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Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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C	Complete if Known				
Application Number	10/766,131	_			
Filing Date	01/28/2004				
First Named Inventor	Richard Perego				
Art Unit	2189				
Examiner Name	Kevin Verbrugge				
Attorney Docket Number	RAMB-01049US2				

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Examiner Initials	Cite No.	Document Number  Number-Kind Code (il known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
W		5,283,877	02-01-1994	Gastinel et al.			
1		6,276,844	08-21-2001	Coteus et al.			
	****	6,369,605	04-09-2002	Bonella et al.			
		6,434,035	02-13-2002	Miersch et al.			
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		6,970,968	11-29-2005	Holman			
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		2002-0112119	08-15-2002	Halbert et al.			
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		2003-0120895	06-26-2003	Litaize et al.			
7		2004-0145935	07-29-2004	Jakobs			
W		2004-0267481	12-30-2004	Resnick			

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Examiner Initials	Cite No.	Foreign Patent Document  Country Code Number Kind Code (il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation			

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Attorney Docket Number	RAMB-01049US2	

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W		JEDEC Standard - "FBDIMM Specification: High Speed Differential PTP Link at 1.5V," JESDS-18, September 2006, available at "http://www.jedec.org/download/search/JESD8-18.pdf"	
		Excel Spreadsheet, entitled "Patents.xls," available at "http://www.jedec.org/download/search/FBDIMM/patents.xls"	
		"Patentica" letter, dated December 18, 2004, 4 pages, referenced in Excel Spreadsheet, entitled "Patents.xls."	
	-	"Kentron" letter, dated January 23, 2006, 1 page, referenced in Excel Spreadsheet, entitled "Patents.xls."	
		"Wintec" letter, dated March 19, 2003, 1 page, referenced in Excel Spreadsheet, entitled "Patents.xls."	
		"Wintec" letter, dated April 2, 2003, 1 page, referenced in Excel Spreadsheet, entitled "Patents.xls."	
		"AMD" letter, dated April 12, 2004, 1 page, referenced in Excel Spreadsheet, entitled "Patents.xls."	
		"Micron" letter, dated December 2, 2003, 3 pages, referenced in Excel Spreadsheet, entitled "Patents.xls."	
		"Micron" letter, dated September 16, 2005, 1 page, referenced in Excel Spreadsheet, entitled "Patents.xls."	
		"Inphi" letter, dated March 3, 2005, 1 page, referenced in Excel Spreadsheet, entitled "Patents.xls."	
		"Inphi" letter, dated June 6, 2005, 1 page, referenced in Excel Spreadsheet, entitled "Patents.xls."	
jW		"Samsung" letter, dated October 25, 2004, 1 page, referenced in Excel Spreadsheet, entitled "Patents.xls."	

Examiner Signature	Neva Veraple	Date Considered	11/6-9/06

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Complete if Known **Application Number** 10/766,131 Filing Date January 28, 2004 First Named Inventor Richard E. Perego Art Unit Unknown **Examiner Name** Unknown

### **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 **Attorney Docket Number** RAMB-01049US2

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
VV		<sup>US-</sup> 5,953,215*	09-14-1999	Karabatsos	
1		<sup>US-</sup> 6,142,830*	11-07-2000	Looeffler	
		<sup>US-</sup> 6,185,644 B1*	02-06-2001	Farmwald et al.	<del></del>
		<sup>US-</sup> 6,266,252 B1*	07-24-2001	Karabatsos	
		<sup>US-</sup> 6,317,352 B1*	11-13-2001	Halbert et al.	•
		<sup>US-</sup> 6,414,904 B2*	07-02-2002	Soret al.	
		<sup>US-</sup> 6,446,158 B1*	09-03-2002	Karabatsos	
		<sup>US-</sup> 6,493,250 B2*	12-10-2002	Halbert et al.	
		<sup>US-</sup> 6,530,006 B1*	03-04-2003	Dodd et al.	
		<sup>US-</sup> 6,643,752 B1*	11-04-2003	Donnelly et al.	
		<sup>US-</sup> 6,449,679 B2*	09-10-2002	Ryan	
		<sup>US-</sup> 6,108,731*	08-22-2000	Suzuki et al.	
		<sup>US-</sup> 5,701,313*	12-23-1997	Purdham	·
		US-5,068,650*	11-26-1991	Fernandez et al.	
		US-4,947,257*	08-07-1990	Fernandez et al.	
		US-5,513,135*	04-30-1996	Dell et al.	
		<sup>US</sup> -6,065,092*	05-16-2000	Roy	
W		<sup>US-</sup> 6,185,644*	02-06-2001	Farmwald et al.	

<u> </u>		FOREIGN I	PATENT DOC	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
		Country Code <sup>3</sup> Number <sup>4</sup> Wind Code <sup>8</sup> (if known)	MM-DD-YYYY Applica	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	ľ
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Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031

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Considered

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		omplete if Known
	Application Number	10/766,131
INFORMATION DISCLOSURE	Filing Date	January 28, 2004
STATEMENT BY APPLICANT	First Named Inventor	Richard E. Perego
	Art Unit	Unknown
(Use as many sheets as necessary)	Examiner Name	Unknown
Sheet 2 of 4	Attorney Docket Number	RAMB-01049US2

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2 (f knowl)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
W	L	<sup>US-</sup> 5,034,917*	07-23-1991	Bland et al.	
W		<sup>US-</sup> 4,977,498*	12-11-1990	Rastegar et al.	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.*	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>3</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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Substitute for form 1449B/F	ото		Complete if Known			
			Application Number	10/766,131		
INFORMATION	ON DISCLO	SURE	Filing Date	January 28, 2004		
STATEMENT	ΓBY APPLI	CANT	First Named Inventor	Richard E. Perego		
			Art Unit	Unknown		
(Use as many	sheets as necessary)	1	Examiner Name	Unknown		
Sheet 3	of	4 ·	Attorney Docket Number	RAMB-01049US2		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
100		*Intel Developer Forum, *DDR2 Memory In 2004 Servers - Recipes For Successful Designs", September 2003	
		*QBM Alliance, Platform Conference, "Quad Band Memory (QBM tm): DDR 200/266/333 devices producing DDR400/533/667, Jan. 23-24, 2002	
		*KARABATSOS, C., "Quad Band Memory (QBM) Technology", Kentron Technologies, Inc., April 2001	
		*Quad Band Memory (QBM), "The 'QBM Enabled' VIA PT880/PM880 Chipset Solutions with the Fastest Memory",	
		*WEBER, F., "The AMD Athion Processor: Future Directions", AMD	
		*"Intel 82804AA Memory Repeater Hub for SDRAM (MRH-S) Datasheet", Intel Corp., pp. 2-48 (Nov. 1999)	
		**Intel 82805AA Memory Translater Hub (MTH) Datasheet*, Intel Corp., pp. 1-48 (Nov. 1999)	
	***************************************	*CATALDO, A., "TI Fields DSP-Based Media Processor on a DIMM", EE Times (Jan. 2000)	
		*MAC WILLIAMS, P., "PC Memory Directions For 1999 and Beyond", Intel Developer Forum, pp. 1-10 (Sep. 1998)	
W	***************************************	*JOHNSON, B., "Direct RDRAM Basic Architecture and Program Overview", Intel Developer Forum, pp. 1-14 (Sep. 1998)	

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Examiner Signature	Revi Vorl	LOL	Date Considered	10/23 -	11:/7/06

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or indication is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute	for form 1449B/PTO				Complete if Known	
			,	Application Number	10/766,131	
INFO	RMATION D	DISCLO	DSURE	Filing Date	January 28, 2004	
STA	TEMENT BY	APPL	<b>ICANT</b>	First Named Inventor	Perego	
				Art Unit	2188	
	(Use as many sheets	as necessar	<b>y</b> )	Examiner Name		
Sheet	4	of	4	Attorney Docket Number	RAMB-01049US2	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
W		*JONES, F (United Memories, Inc.), *A new era of fast dynamic RAMs*, IEEE Spectrum, October 1992, pp. 43-49	
		*FARMWALD, M. et al. (Rambus Inc.), "A fast path to one memory", IEEE Spectrum, October 1992, pp. 50-51	
	***************************************	*GJESSING, S. (University of Oslo), GUSTAVSON, D.B (Stanford Linear Accelerator Center), JAMES, D. et al. (Apple Computer Inc.), WIGGER, H. (Hewlett-Packard Co.), "A RAM link for high speed", IEEE Spectrum, October 1992, pp. 52-53	•••••
W	***************************************	"The Institute of Electrical and Electronics Engineering , Inc., "IEEE Standard for High-Bandwidth Memory Interface Based on Scalable Coherent Interface (SCI) Signaling Technology (RamLink)", 1996, pp. 1-91	
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Date

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Examiner

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Co	mplete if Known	
Application Number	10/766,131	
Filing Date	Jan. 28, 2004	
First Named Inventor	Perego	
Art Unit	Unknown	
xaminer Name	Unknown	
Attorney Docket Number	RAMB-01049US2	

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (1 Innowed)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
W		.us- 6,587,912 B2*	07-01-2003	Leddige et al.	
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Examiner   Cite   Foreign Patent Document   Publication   Name of Patentee or		Pages, Columns, Lines, Where Relevant Passages			
	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)			Or Relevant Figures Appear	To
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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known **Application Number** 10/766,131 Filing Date January 28, 2004 First Named Inventor Perego Art Unit Unknown **Examiner Name** Unknown Attorney Docket Number RAMB-01049US2

(Use as many sheets as necessary)

			U. S. PATENT		
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (* known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
W		<sup>US-</sup> 6690726*	02-10-2004	Yavits et al.	
1		<sup>US-</sup> 5325493*	06-28-1994	Herrell et al.	
		US-5867180*	02-02-1999	Katayama et al.	
		<sup>US-</sup> 6104417*	08-15-2000	Nielsen et al.	
W		US-6208273*	03-27-2001	Dye et al.	
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Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	8
Initials*	No.1	Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
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				Application Number	10/766,131	
INFO	RMATION D	ISCLC	SURE	Filing Date	January 28, 2004	
STA	TEMENT BY	APPL	<b>ICANT</b>	First Named Inventor	Richard E. Perego	
				Art Unit	2188	
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Sheet	1	of	1	Attorney Docket Number	RAMB-01049US2	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
W	************	*JEDDELOH, JOE, "Fully Buffered DIMM (FB-DIMM)", Advanced Systems Technology, Micron Technology, Inc. April 15-16, 2004	
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<b>INFORMATION</b>	<b>DISCLOSURE</b>
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Application Number 10/766,131

Filing Date January 28, 2004

First Named Inventor Perego

Art Unit 2188

Examiner Name

(Use as many sheets as necessary)

Sheet 1 of 1

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Attorney Docket Number RAMB-01049US2

			U. S. PATENT		
Examiner Initials* /	Cite No.1	Document Number  Number-Kind Code <sup>2 (7 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
W		US-5883839*	03-16-1999	Tosaka et al.	
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	FOREIGN PATENT DOCUMENTS										
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Application Number	10/766,131	
Filing Date	January 28, 2004	
First Named Inventor	Perego	
Art Unit	2188	
Examiner Name		
Attorney Docket Number	RAMB-01049US2	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials* Cite		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	L <sub>5</sub>
IW		*IEEE Standard for Scalable Coherent Interface (SCI), *Microprocessor and Microcomputer Standards Subcommittee of the IEEE Computer Society*, IEEE Std 1596-1992	
	···········	*SCI, *P1596: SCI, A Scalable Coherent Interface*, November 28, 1988	N-000-01
	<i></i>	*GUSTAVSON et al., DRAFT *The Scalable Coherent Interface Project (SuperBus)*, SCI, August 22, 1988, Rev. 14	
	opel edd <b>11 66</b> 5 p	*SCHANKE, "Proposal for Clock Distribution In SCI", SCI, May 5, 1989	•
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	*JAMES, *Scalable I/O Architecture for Buses*, COMPCON Spring 1989, SCI, November 28, 1988	
		"VOLZ et al., "Position Paper On Global Clock For the Futurebus +*, SCI, 1989	
IW		*KRISTIANSEN et al., *Scalable Coherent Interface*, to appear in Eurobus Conference Proceedings, May 1989	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 10/766,131

Filing Date January 28, 2004

First Named Inventor Perego

Art Unit 2188

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Sheet 1 of 2

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Attorney Docket Number RAMB-01049US2

Examiner	Cita No.1	Document Number	U. S. PATENT I	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.1	Number-Kind Code <sup>2 (7 known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	70			
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>8</sup> (# known)							
W		EP 0 811 916 A2*	12/10/1997	The Boeing Company					
		WO 99/30240*	06-17-1999	Intel Corporation					
7		WO 99/41666*	08-19-1999	Intel Corporation					
1		WO 99/41667*	08-19-1999	Intel Corporation					
W		EP 1069509 A2*	01-17-2001	Texas Instruments Incorporated					

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W		*PCT International Search Report (June 27, 2001) 4 pages				
W		*Microsoft Press Computer Dictionary, 3rd Ed., 1997, pp. 48 and 68				
W		*GUSTAVSON et al., "Macintosh HD:Desktop Folder:SLDRAMrepeaterConcerns", Sunday, November 23, 1997, 4 pages				
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W		<sup>US-</sup> 5742840*	04-21-1998	Hansen et al.	
1		<sup>US-</sup> 5748872*	05-05-1998	Norman	
		<sup>US-</sup> 5860080*	01-12-1999	James et al.	
		US-5867422*	02-02-1999	John	
T		<sup>US-</sup> 5898863*	04-27-1999	Ofer et al.	
T		<sup>US-</sup> 6006318*	12-21-1999	Hansen et al.	
		<sup>US-</sup> 6034878*	03-07-2000	Osaka et al.	
		US-6038682*	03-14-2000	Norman ·	
		<sup>US-</sup> 6092229*	07-18-2000	Boyle et al.	
		<sup>US-</sup> 6125419*	09-26-2000	Umemura et al.	
		US-6151648*	11-21-2000	Haq	
		<sup>US-</sup> 6154826*	11-28-2000	Wulf et al.	
		<sup>US-</sup> 6160423*	12-12-2000	Haq	
		us-6255859*	07-03-2001	Haq	
		US-6263413*	07-17-2001	Motomura et al.	
		us-6327205*	12-04-2001	Haq	
		US-6408402*	06-18-2002	Norman	
100		<sup>US-</sup> 6487102*	11-26-2002	Halbert et al.	

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Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code* Number * 'Kind Code* (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>®</sup>			
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			Application Number	10/766,131		
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Initials*	No.	Number-Kind Code <sup>2 (F troom)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
W		<sup>US-</sup> 6502161*	12-31-2002	Perego et al.	
		<sup>US-</sup> 6513080*	01-28-2003	Haq	
		us-6154855*	11-28-2000	Norman	
7		<sup>US-</sup> 6345321*	02-05-2002	Litaize et al.	
T		<sup>US-</sup> 6369605*	04-09-2002	Bonella et al.	
		<sup>US-</sup> 6449213*	09-10-2002	Dodd et a.	
W		<sup>US-</sup> 6625687*	09-23-2003	Halbert et al.	
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	Citte No.1	Cite Foreign Patent Document  No. Country Code Number Kind Code (Il known)	Cite Foreign Patent Document Publication Date MM-DD-YYYY  Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>5</sup> (If known)	Cite Foreign Patent Document Publication Date Name of Patentee or Applicant of Cited Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (If known)  Publication Date MM-DD-YYYY Applicant of Cited Document	Cite Foreign Patent Document Publication Date Name of Patentee or Applicant of Cited Document WMM-DD-YYYY Applicant of Cited Document Wmere Relevant Passages or Relevant Figures Appear				

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Substitute for f		for form 1449B/PT	0		Complete if Known				
					Application Number	10/766,131			
	INFO	<b>RMATIO</b>	N DISCLO	SURE	Filing Date	January 28, 2004			
	STAT	<b>TEMENT</b>	<b>BY APPL</b>	CANT	First Named Inventor	Perego			
					Art Unit	2188			
		(Use as many s	heets as necessary	)	Examiner Name	•			
abla	Sheet	3	of .	4	Attorney Docket Number	RAMB-01049US2			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.	T²
IU		*U.S. Patent Application Serial No. 10/713,868, filed 11-14-2003 by Pete D. Vogt	
<b></b>		*U.S. Patent Application Serial No. 10/714,025, filed 11-14-2003 by Pete D. Vogt	
		*U.S. Patent Application Serial No. 10/714,026, filed 11-14-2003 by Pete D. Vogt	
		*U.S. Patent Application Serial No. 10/883,474, filed 06-30-2004 by Pete D. Vogt	
		*U.S. Patent Application Serial No. 10/882,999, filed 06-30-2004 by Pete D. Vogt	
		*U.S. Patent Application Serial No. 10/859,438, filed 05-31-2004 by Pete D. Vogt	
		*U.S. Patent Application Serial No. 10/858,850, filed 05-31-2004 by Pete D. Vogt	
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		*NG, R. (Sun Microsystems Inc.), "Fast computer memories", IEEE Spectum, October 1992, pp. 36-39	
W		*SALTERS, R.H.W. (Philips Research Laboratories), "Fast DRAMS for sharper TV", IEEE Spectrum, October 1992, pp. 40-42	

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	Substitute for form 1449B/PTO			Complete if Known			
					Application Number	10/766,131	
	INFO	RMATION D	ISCLO	DSURE	Filing Date	January 28, 2004	
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_	Sheet	4	of	4	Attorney Docket Number	RAMB-01049US2	

	-	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
W		*JONES, F (United Memories, Inc.), "A new era of fast dynamic RAMs", IEEE Spectrum, October 1992, pp. 43-49	
1		*FARMWALD, M. et al. (Rambus Inc.), *A fast path to one memory*, IEEE Spectrum, October 1992, pp. 50-51	
	e verren 60 kirket	*GJESSING, S. (University of Oslo), GUSTAVSON, D.B (Stanford Linear Accelerator Center), JAMES, D. et al. (Apple Computer Inc.), WIGGER, H. (Hewlett-Packard Co.), *A RAM link for high speed*, IEEE Spectrum, October 1992, pp. 52-53	·
100		"The Institute of Electrical and Electronics Engineering , Inc., "IEEE Standard for High-Bandwidth Memory Interface Based on Scalable Coherent Interface (SCI) Signaling Technology (RamLink)", 1996, pp. 1-91	
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Examiner Signature Signature	Date Considered	10/23 - 11/7/06

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### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

Co	mplete if Known	
Application Number	10/766,131	
Filing Date	January 28, 2004	·
First Named Inventor	Perego	
Art Unit	2188	
Examiner Name		
Attorney Docket Number	RAMB-01049US2	

			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (I troom)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
w		US-6425064 B2*	07-23-2002	Soderquist	
1		US-4621339*	11-04-1986	Wagner et al.	
		US-4747070*	05-24-1988	Trottier et al.	•
	-	US-4858107*	08-15-1989	Fedele	
		us-5602780*	02-11-1997	Diem et al.	
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	Substitute	for form 1449B/PTO			Complete if Known			
					Application Number	10/766,131		
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					Art Unit	2188		
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て	Sheet	2	of	2	Attorney Docket Number	RAMB-01049US2		

		NON PATENT LITERATURE DOCUMENTS					
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W		JEDEC Standard No. 21-C, Pages 4.20.4-1 through 4.20.4-69, 4.20.4- 184 PIN, PC1600/2100 DDR SDRAM REGISTERED DIMM DESIGN SPECIFICATIONM, Revision 1.2					
W		MICRON, 240-Pin 256MB, 512MB, 1GB DDR2 SDRAM FBDIMM (SR, FB x72) Features, Micron Technology, Inc., 2004, pp. 1-36					
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Substitute for form 1449B/PTO Complete if Known **Application Number** 10/766,131 INFORMATION DISCLOSURE Filing Date January 28, 2004 STATEMENT BY APPLICANT First Named Inventor Perego Art Unit 2188 (Use as many sheets as necessary) Examiner Name Sheet Attorney Docket Number RAMB-01049US2

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city and/or country where published.	T²			
W	······································	MICRON, 256MB, 512MB, 1GB: (x72, ECC, DR) 168-Pin SDRAM RDIMM, Synchronous DRAM Module, Micron Technology, Inc.; 2001, pp. 1-28				
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/766,131				
Filing Date	January 28, 2004				
First Named Inventor	Perego				
Art Unit	2188				
Examiner Name					
Attomey Docket Number	RAMB-01049US2				

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
/		Number-Kind Code <sup>2 (I known)</sup>			Figures Appear
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7		US-6272609 B1*	08/07/2001	Jeddeloh	
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Substitute for form 1449B/PTO Complete if Known Application Number 10/766,131 INFORMATION DISCLOSURE Filing Date January 28, 2004 STATEMENT BY APPLICANT First Named Inventor Perego Art Unit 2188 (Use as many sheets as necessary) Examiner Name Sheet Attorney Docket Number RAMB-01049US2

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W	**********	LIZY KURIAN JOHN, "VaWiRAM: A Variable Width Random Access Memory Module", 9th International Conference on VLSI Design, January 1996, pp. 219-224, 1995 IEEE	
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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18 Stylesheet Version v18.0

OCT 1 0 2006

Title of Invention

E WIDTH BUFFERED MODULE CONFIGURAB

**Application Number:** 

10/766131

\*10/766131\*

Confirmation Number:

3149

First Named Applicant:

Richard Perego

Attorney Docket Number: RAMB-01049US2

Art Unit:

2188

Search string:

(5513377 or 6526469 or 6185654 or 6530033 or 5228132 ).pn.

#### **US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

11-	nit	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	W	1	5513377 * 1996-04-30		Capowski et al.	]		
	$\prod$	2	6526469 *	2003-02-25	Drehmel et al.			
	$\square$	. 3	6185654 *	2001-02-06	Van Doren	]	•	
E		4	6530033 *	2003-03-04	Raynham et al.			
P	W	5	5228132 *	1993-07-13	Neal et al.	)		

### Signature

Examiner Name	Date ,
Nevi Perlegg	10/23-11/7/06

### **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

CONFIGURABLE WIDTH BUFFERED MODULE

Application Number:

10/766131

\*10/766131\*

Confirmation Number:

3149

First Named Applicant:

Richard Perego

Attorney Docket Number: RAMB-01049US2

Art Unit:

2188

Search string:

( 6330687 or 5371880 or 5475818 or 5400360 or 4631666 or 5655113 or 5511224 or 5574945 or 5917760 or 6016282 or 6449727 or 4644532 or 4667305 or 4747100 or 4864563 or 5228134 or 5355467 or 5408646 or 5537394 or 5544342 or 5553266 or 5557266 or 5604735 or 5630095 or 5659710 or 5787083 or 5802054 or 5802565 or 5805798 or 5848145 or 5884036 or 5893921 or 5900017 or 5901294 or 5911052 or 5913044 or 5923893 or 6247100 or 20040095838 or

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20020083287 ).pn.

#### **US Patent Documents**

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init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
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### Remarks

Note: Remarks are not for responding to an office action.

An Information Disclosure Statement containing 5 Foreign Patent Document and 3 Non Patent Literature Documents is being filed concurrently, via US mail. A fee for both Information Disclosure Statements is included with this submission.

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Examiner Name	, Date,
New Mage	10/23-11/7/06

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Substitute for form 1449B/PTO	Complete If Known			
	Application Number	10/766,131		
INFORMATION DISCLOSURE	Filing Date	January 28, 2004		
STATEMENT BY APPLICANT	First Named Inventor	Richard E. Perego		
	Art Unit	Unknown		
(Use as many sheets as necessary)	Examiner Name	Unknown		
Sheet of A	Attorney Docket Number	RAMB-01049US2		

NON PATENT LITERATURE DOCUMENTS							
Examine Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/cr country where published.	T²				
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Examiner Signature	 Nevil		7 ~}/	Date Considered	[0]	23-11/	7/	06

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